

#7 OIPE

RAW SEQUENCE LISTING

DATE: 07/09/2001

PATENT APPLICATION: US/09/816,391A

TIME: 15:00:35

Input Set : A:\Fujimori sequence listing .txt

Output Set: N:\CRF3\07092001\I816391A.raw

ENTERED

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4 <110> APPLICANT: FUJIMORI, Minoru
5     TANIGUCHI, Shunichiro
6     AMANO, Jun
7     YAZAWA, Kazuyuki
8     KANO, Yasunobu
9     NAKAMURA, Toshiyuki
10    SASAKI, Takayuki
12 <120> TITLE OF INVENTION: Anaerobic bacterium as a drug for cancer gene therapy
14 <130> FILE REFERENCE: 2001-WMC/01736
16 <140> CURRENT APPLICATION NUMBER: 09/816,391A
17 <141> CURRENT FILING DATE: 2001-03-26
19 <150> PRIOR APPLICATION NUMBER: JP 00/287688
20 <151> PRIOR FILING DATE: 2000-09-21
22 <160> NUMBER OF SEQ ID NOS: 3
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 600
26 <212> TYPE: DNA
27 <213> ORGANISM: Bifidobacterium longum
29 <220> FEATURE:
30 <221> NAME/KEY: CDS
31 <222> LOCATION: (193)..(471)
33 <400> SEQUENCE: 1
34     gctgggcgcg gcggccatga agtggcctga caagcataat cttgtctgat tcgtctatatt 60
35     tcaatacctt cggggaaata gatgtgaaaa cccttataaa acgcgggttt tcgcagaaac 120
36     atgcgctagt atcattgatg acaacatgga ctaagcaaaa gtgcttgctc cctgacccaa 180
37     gaaggatgct tt atg gca tac aac aag tct gac ctc gtt tcg aag atc gcc 231
39             Met Ala Tyr Asn Lys Ser Asp Leu Val Ser Lys Ile Ala
40             5                               10
41     cag aag tcc aac ctg acc aag gct cag gcc gag gct gct gtt aac gcc 279
43     Gln Lys Ser Asn Leu Thr Lys Ala Gln Ala Glu Ala Ala Val Asn Ala
44             15                               20                               25
45     ttc cag gat gtg ttc gtc gag gct atg aag tcc ggc gaa ggc ctg aag 327
47     Phe Gln Asp Val Phe Val Glu Ala Met Lys Ser Gly Glu Gly Leu Lys
48             30                               35                               40                               45
49     ctc acc ggc ctg ttc tcc gct gag cgc gtc aag cgc ccg gct cgc acc 375
51     Leu Thr Gly Leu Phe Ser Ala Glu Arg Val Lys Arg Pro Ala Arg Thr
52             50                               55                               60
53     ggc cgc aac ccg cgc act ggc gag cag att gac att ccg gct tcc tac 423
55     Gly Arg Asn Pro Arg Thr Gly Glu Gln Ile Asp Ile Pro Ala Ser Tyr
56             65                               70                               75
57     ggc gtt cgt atc tcc gct ggc tcc ctg ctg aag aag gcc gtc acc gag 471
59     Gly Val Arg Ile Ser Ala Gly Ser Leu Leu Lys Lys Ala Val Thr Glu
60             80                               85                               90
61     tgaccttctg ctcgtagcga ttacttcgag cattactgac gacaaagacc ccgaccgaga 531
62     tggtcggggt ctttttggtg tgggtgctgtg acgtgttgtc caaccgtatt attccggact 591
63     agttcagcg
64             600
65 <210> SEQ ID NO: 2

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66 <211> LENGTH: 18
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
73 <400> SEQUENCE: 2
74      ggttcgaata acgcttta                                18
76 <210> SEQ ID NO: 3
77 <211> LENGTH: 23
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
84 <400> SEQUENCE: 3
85      cggttaactc aacgtttgta atc                                23

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VERIFICATION SUMMARY

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